

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10810887
Filing Date	2004-03-29
First Named Inventor	Hak-Sun CHANG
Art Unit	2871
Examiner Name	Phu Vu
Attorney Docket Number	PNK-0206

U.S. PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
P.V.	1	7245343	US	2007-07-17	Suzuki et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

U.S. PATENT APPLICATION PUBLICATIONS

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
P.V.	1	20020047968	US	2002-04-25	Yoshida et al.	
P.V.	2	20020080320	US	2002-06-27	Suzuki et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
P.V.	1	4285915	JP		1992-10-12		w/ English Abstract	<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button




[Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

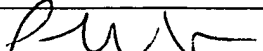
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10810887
Filing Date	2004-03-29
First Named Inventor	Hak-Sun CHANG
Art Unit	2871
Examiner Name	Phu Vu
Attorney Docket Number	PNK-0206

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	1/6/04
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10810887	
	Filing Date		2004-03-29	
	First Named Inventor	Hak-Sun CHANG		
	Art Unit	2871		
	Examiner Name	Phu VU		
	Attorney Docket Number	PNK-0206		

U.S. PATENTS

Remove

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
p.v.	1	6341000	US	2002-01-22	Inoue et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S. PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
p.v.	1	06194672	JP		1994-07-15		w/ English Abstract	<input type="checkbox"/>
↓	2	2002221727	JP		2002-08-09		w/ English Abstract	<input type="checkbox"/>
↓ p.v.	3	2002174817	JP		2002-06-21		w/ English Abstract	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		10810887
Filing Date		2004-03-29
First Named Inventor	Hak-Sun CHANG	
Art Unit	2871	
Examiner Name	Phu VU	
Attorney Docket Number	PNK-0206	

P.V.	4	2001066606	JP		2001-03-16		w/ English Abstract	<input type="checkbox"/>
	5	11258612	JP		1999-09-24		w/ English Abstract	<input type="checkbox"/>
	6	08227078	JP		1996-09-03		w/ English Abstract	<input type="checkbox"/>
	7	11024084	JP		1999-01-29		w/ English Abstract	<input type="checkbox"/>
	8	08136935	JP		1996-05-31		w/ English Abstract	<input type="checkbox"/>
	9	07077694	JP		1995-03-20		w/ English Abstract	<input type="checkbox"/>
	10	07036050	JP		1995-02-07		w/ English Abstract	<input type="checkbox"/>
	11	02294621	JP		1990-12-05		w/ English Abstract	<input type="checkbox"/>
	12	04285915	JP		1992-10-12		w/ English Abstract	<input type="checkbox"/>
	13	100284332	KR		2000-12-19		w/ English Abstract	<input type="checkbox"/>
P.V.	14	1020020027727	KR		2002-04-15		w/ English Abstract	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10810887	
	Filing Date		2004-03-29	
	First Named Inventor	Hak-Sun CHANG		
	Art Unit	2871		
	Examiner Name	Phu VU		
	Attorney Docket Number	PNK-0206		

P.V.	15	1020000047826	KR		2000-07-25		w/ English Abstract	<input type="checkbox"/>
	16	19920000509	KR		1992-01-15		w/ English Abstract	<input type="checkbox"/>
	17	19970076046	KR		1997-12-10		w/ English Abstract	<input type="checkbox"/>
↓	18	1999023240	KR		1999-03-25		w/ English Abstract	<input type="checkbox"/>
P.N.	19	19990082475	KR		1999-11-25		w/ English Abstract	<input type="checkbox"/>

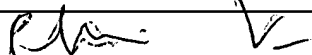
If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	1/6/08
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.